

# SHARP PARTS GUIDE

CODE : 00ZERA410VPGE

## ER-A410 MODEL ER-A420 PRINTER : PR-45MII (for TQ,TS,KB)

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Parts marked with "△" are important for maintaining the safety of the set. be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

### Table of distinations

SELECTION CODE	COUNTRIES
U	U.S.A., Guam
A	Canada
TS	Germany
TQ	SEEG territory other than Germany (Stamp:English)
TR	SEEG territory other than Germany (Stamp:English)
TM	SEEG(FRANCE:Metro-VM) (Stamp:French)
KB	U.Kingdom
KA	Australia

SELECTION CODE	COUNTRIES
K	Korea

SELECTION CODE	COUNTRIES
SB	Saudi Arabia (127V area)
SBA	Saudi Arabia (220V area)
SC	Taiwan
SD	Venezuela
SE	Hong Kong
SG	Lebanon, Syria, Greece, Pakistan, Iran, Egypt, Thailand, Iraq, Mauritius, Seychelles, Tahiti, Jordan, Sudan, Turkey
SH	South Africa (U.S.A. version)
SHE	South Africa (Europe version)
SJ	Philippines (Europe version)
SJ2	Philippines (U.S.A. version)
SM	Kuwait, Qatar, Oman, UAE, Malta, Bahrain
SMT	Nigeria, Yemen, Kenya

SELECTION CODE	COUNTRIES
RA1	Morocco, Algeria, Tunisia, West Africa
RA2	Chile, Uruguay, Peru, Argentina, Paraguay
RA5	Sri Lanka

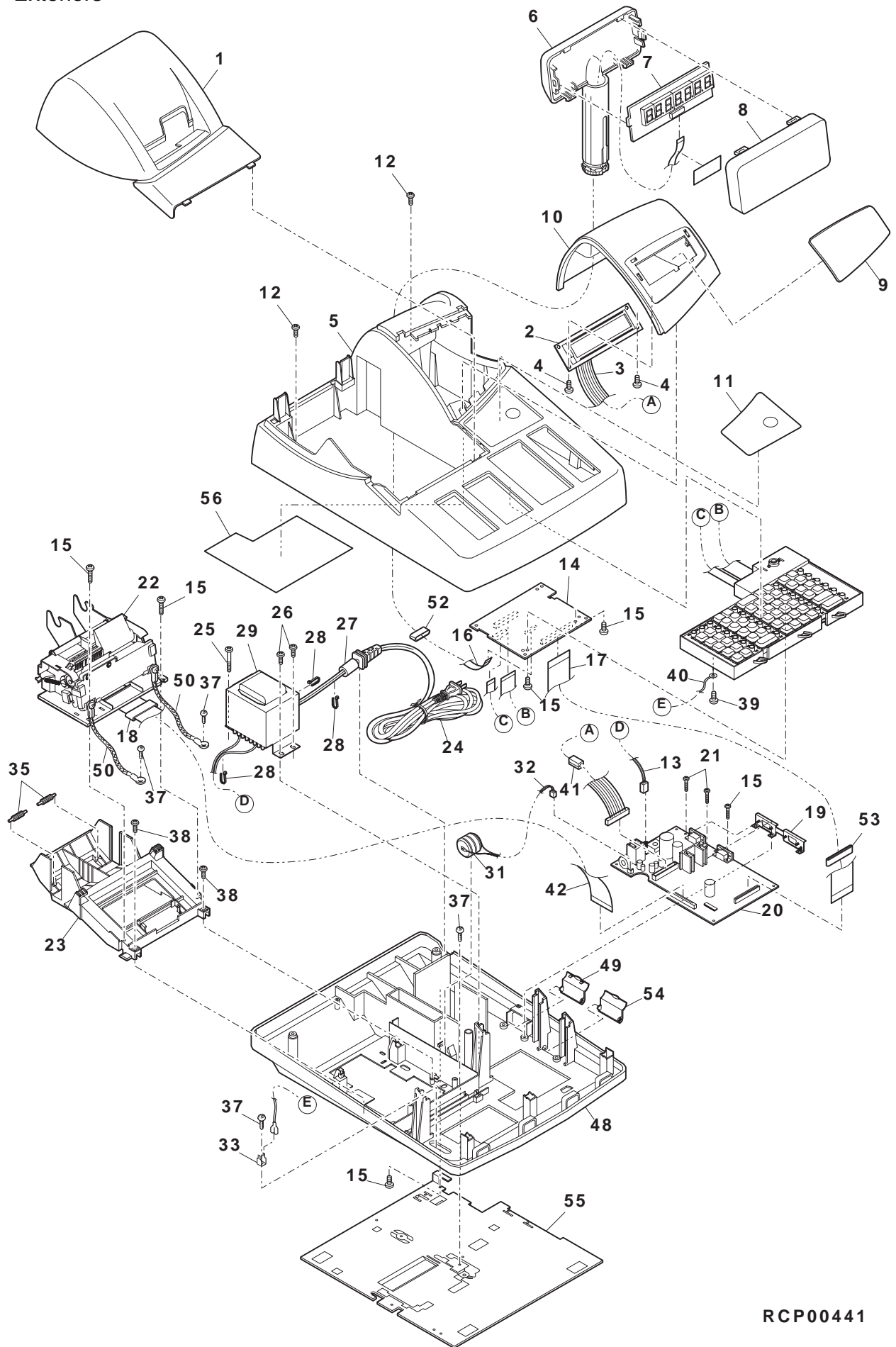
SELECTION CODE	COUNTRIES
RB3	Indonesia
RB4	
RB5	Cyprus
RB6	Panama
RB7	Barbados
RB8	Malaysia (U.S.A. version)

SELECTION CODE	COUNTRIES
RC1	Malaysia (Europe version)
RC2	Singapore
RC5	Dominican Republic, Ecuador

## 1 Exteriors

[illegible]

# 1 Exteriors



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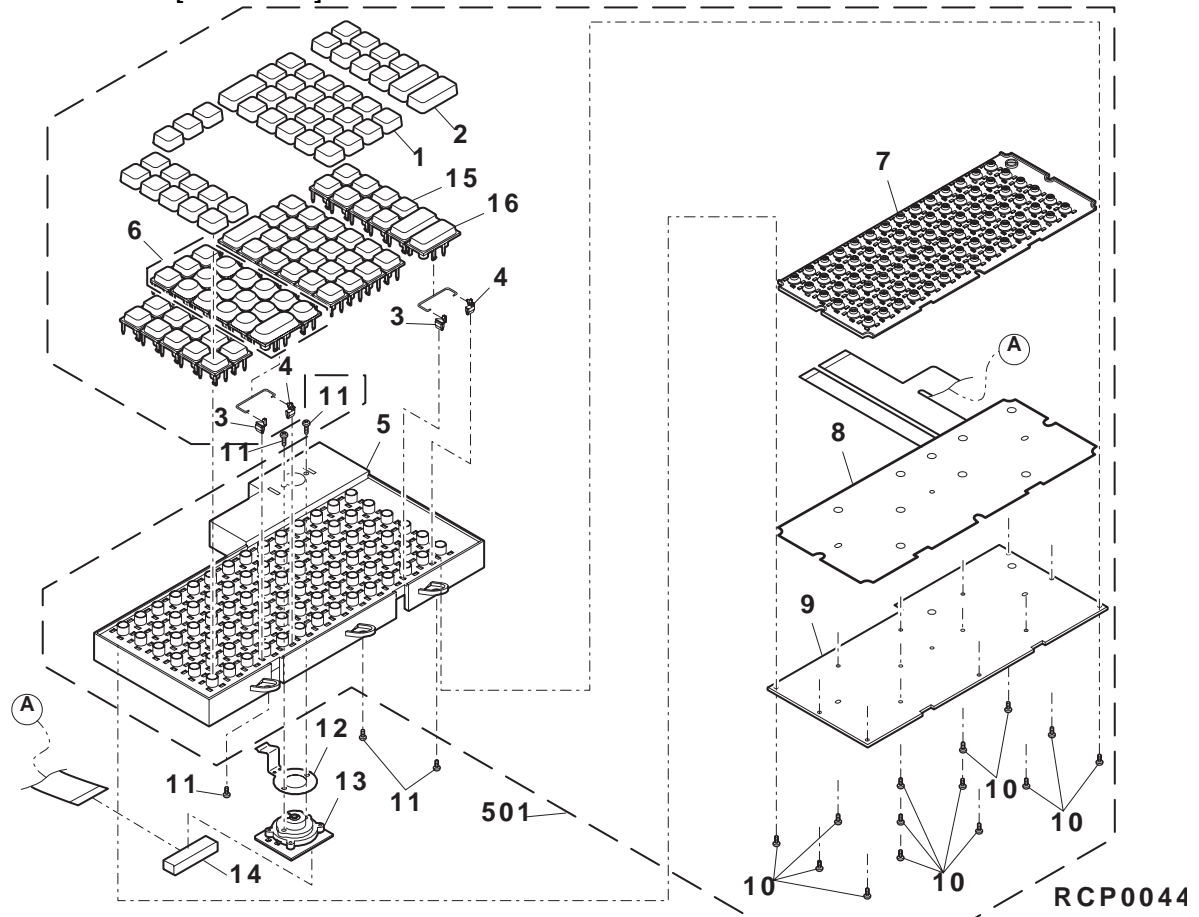
2 Keyboard unit [ER-A410]

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	JKNBZ6897BHSA	AH		C	Key cap(1×1)
2	JKNBZ6899BHSA	AK		C	Key cap(1×2)
3	LHLDZ6837BHZZ	AE		C	Holder L(WHITE)
4	LHLDZ6836BHZZ	AE		C	Holder R(YELLOW)
5	LFRM-2366BHZZ	BC		D	Key frame
6	JKNBZ6905BHZZ	AF		C	Key top(0)
	JKNBZ6908BHZZ	AK		C	Key top(.)
	JKNBZ6911BHZZ	AK		C	Key top(1)
	JKNBZ6912BHZZ	AK		C	Key top(2)
	JKNBZ6913BHZZ	AK		C	Key top(3)
	JKNBZ6914BHZZ	AK		C	Key top(4)
	JKNBZ6915BHZZ	AK		C	Key top(5)
	JKNBZ6916BHZZ	AK		C	Key top(6)
	JKNBZ6917BHZZ	AK		C	Key top(7)
	JKNBZ6918BHZZ	AK		C	Key top(8)
	JKNBZ6919BHZZ	AK		C	Key top(9)
	JKNBZ6920BHZZ	AK		C	Key top(00)
7	PGUMM2447BHZZ	BA		C	Key rubber
8	CSHEP2943BHSA	BD		B	Key sheet assy'
9	LPLTM2368BHZZ	AY		C	Keyboard plate
10	XJPSD30P06000	AA		C	Screw(3×6)
11	XEBSD30P08000	AA		C	Screw(3×8)
12	LANGQ7604BHZZ	AG		C	Mode sw angle
13	LKGiW0001BHZZ	AS		B	Mode switch(Body)
14	QCNCM7136BHZZ	AB		C	Connector(MLX 5229-13APB)
15	JKNBZ6896BHZA	AG		C	Key top(1×1)
16	JKNBZ6898BHZZ	AH		C	Key top(1×2)
101	TLABH2593BHZZ	AY	N	D	Key label
501	Ki-OK2021BHZZ	BP	N	E	Keyboard unit(NORMAL)
					(inckude No.1~10,15,16,101)

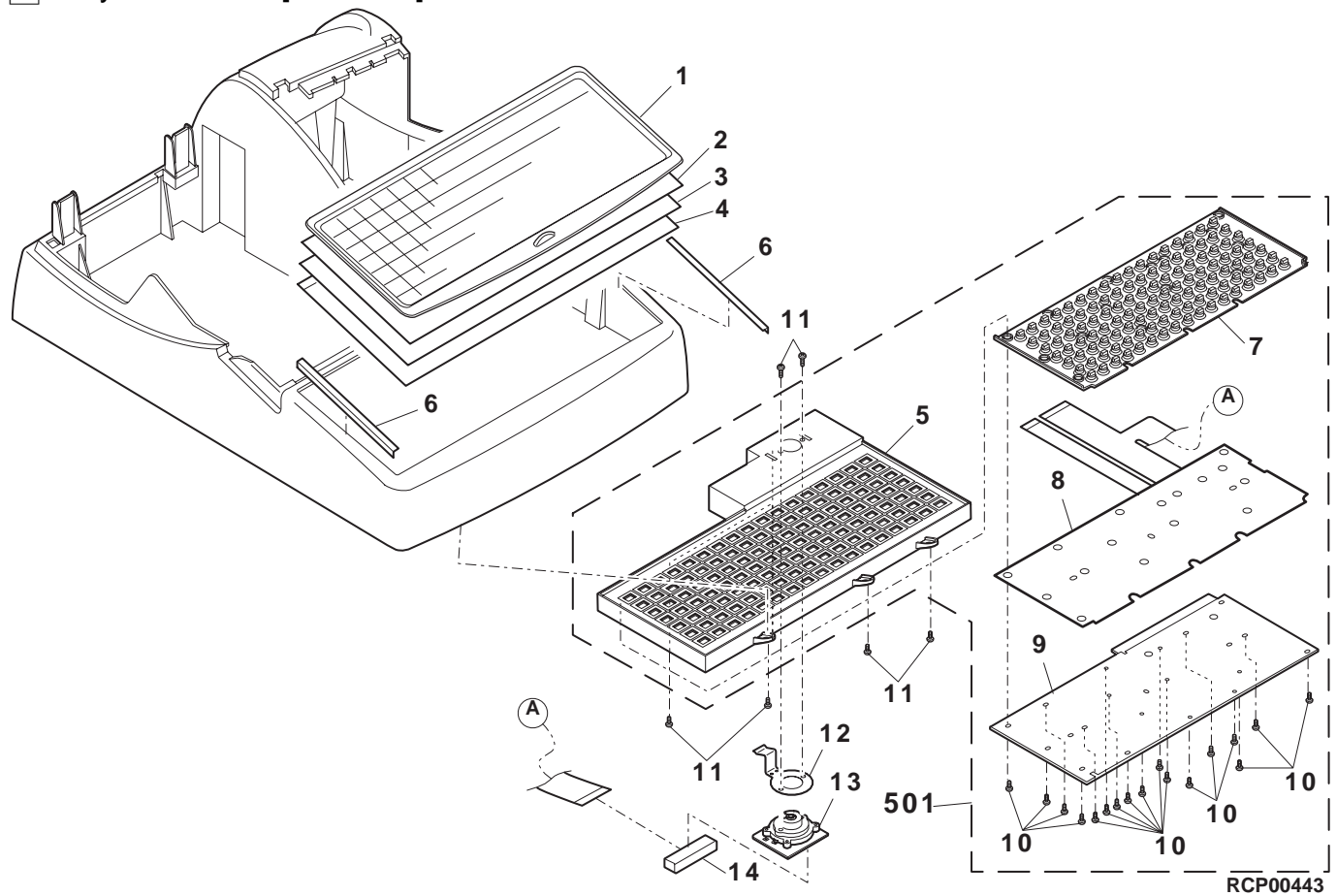
3 Keyboard unit [ER-A420]

[illegible]

## 2 Keyboard unit [ER-A410]



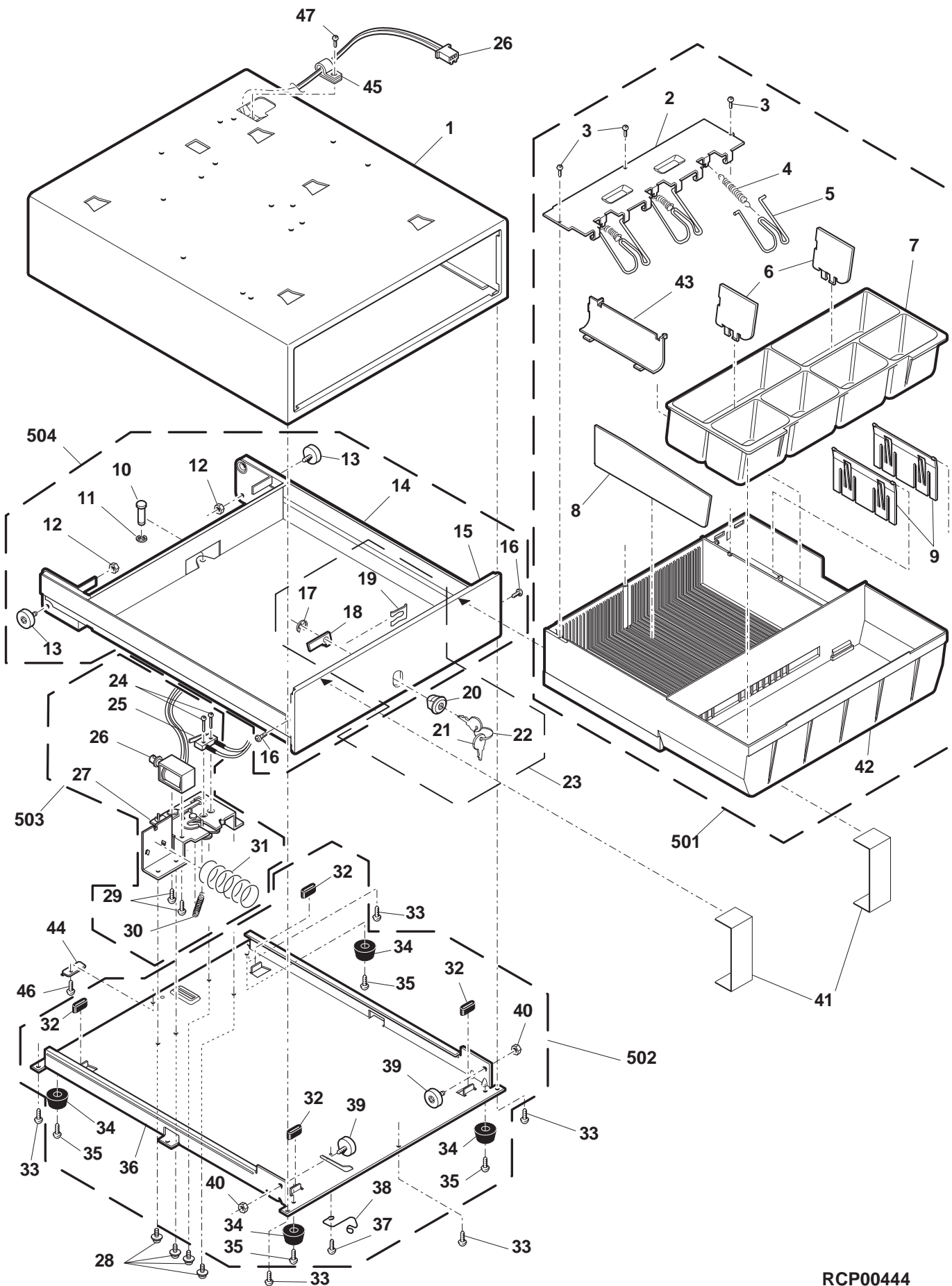
## 3 Keyboard unit [ER-A420]



4 Drawer box unit (SK-420type)

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#### 4 Drawer box unit (SK-420type)

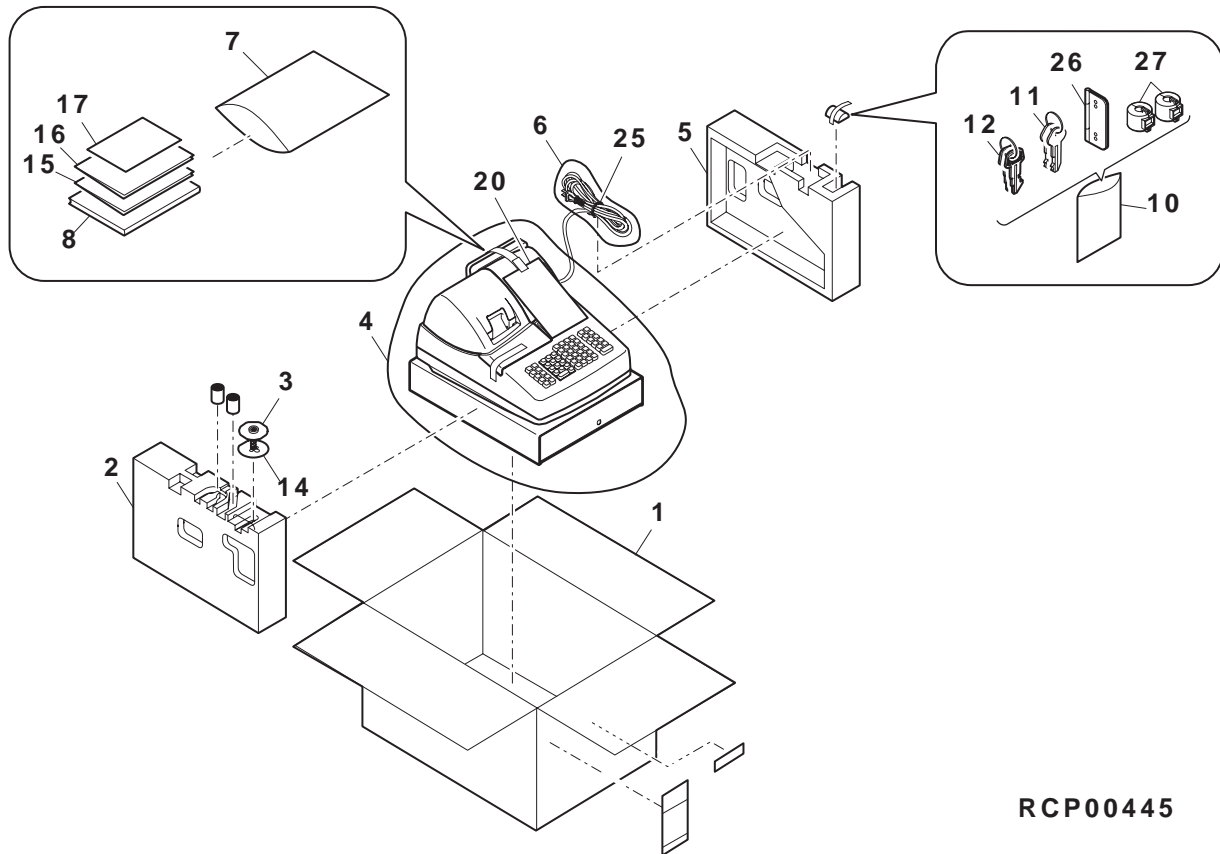


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## 5 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	SPAKC3267BHZZ	BA	N	D	Packing case [ER-A410]
	SPAKC3267BHSA	BA	N	D	Packing case [ER-A420]
2	SPAKA3189BHZZ	AT		D	Packing add L
3	NGERH2317BHZZ	AR		C	Spool
4	PSHEP6681BHZZ	AF		C	Packing sheet
5	SPAKA3189BHZR	AT		D	Packing add R
6	SSAKH4231CCZZ	AA		D	Vinyl bag(140×500mm)
7	SSAKH3015CCZZ	AA		D	Vinyl bag(200×300mm)
8	TINSE2477BHZZ	AZ	N	D	Instruction book
	TINSG2478BHZZ	AZ	N	D	Instruction book (TQ)
	TINSF2479BHZZ	AZ	N	D	Instruction book (TQ)
	TINSS2480BHZZ	AZ	N	D	Instruction book (TQ)
10	SSAKH3012CCZZ	AA		D	Vinyl bag(80×120mm)
11	LKGIM7331BHZZ	AE		B	Lock key(1pc)
12	LKGIM7110BHZZ	AE		B	MA key(MA)
	LKGIM7111BHZZ	AE		B	OP key(OP)
	LKGIM7129BHZZ	AE		B	SM key(SM)
14	PGIDM2393BHZZ	AF		C	Feed roller
15	TGANE1001BHSA	AG		D	Warranty card (KA)
16	TINSN7240BHZZ	AF		D	Battery dispose card (TQ)
17	TCADZ2001BHZA	AM		D	Install card (KA)
20	TCADH6788BHZA	AC		D	Caution card(Black)
25	UBNDA6630BHZZ	AK		C	AC cord band(4mm×200mm)(Green)
26	LANGK7613BHZZ	AN		C	Fixing angle B
27	RORF6700BHZZ	AS		C	Core(BNF14)

## 5 Packing material & Accessories



RCP00445



# 6 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	LX-BZ2189BHZZ	AA		C	Screw [Q1 (TR Q1 HEAT SINK )]
2	PRDAF2374BHZZ	AM		C	Heat sink [Q1 (KTD998)]
3	PRDAF2381BHZZ	AK		C	Heat sink(PQ1CG2032FZ) [IC1]
4	QCNCM1060AC03	AB		C	Connector(Short Pin 3P) [SP1]
5	QCNCM1101BHZZ	AC		C	Connector(5273-2)(2P) [CN1]
6	QCNCM5278NCZZ	AC		C	Connector(3pin)(5046-03A) [CN9,CN10]
7	QCNCM6879RC1F	AD		C	Connector(16pin) [CN4]
8	QCNCM7125BH0i	AN		C	Connector((9P) MLX 87023-6066)) [CN11,CN12]
9	QCNCM7207BH4J	AQ		C	Connector(40P)(6229ZIF DIP) [CN6]
10	QCNCW1057ACZZ	AB		C	Connector(Short socket) [SP1]
11	QCNCW2946BHZZ	AL		C	Key relay connector(40p)(52045-4045) [CN7]
12	QCNCW2951BHZZ	AS	N	C	EFT Connector(40Pin)XF2H-4015-1) [CN5]
13	QCNCW7081BHZZ	AB		C	Connector(2P)(5267-02A)(Blue) [CN2]
14	QFS-C2521TAZZ	AE		A	Fuse(T2.5AL/250V) [F2]
15	QFSHD2109AFZZ	AC		C	Fuse holder(HD2109AF) [F2]
16	QFS-K2005BHZZ	AF		A	Fuse(LT-5 T400mA/250V) [F5]
17	QFS-K2007BHZZ	AF		A	Fuse(LT-5,T500mA/250V) [F6]
18	QFS-K2008BHZZ	AF		A	Fuse(LT-5,T2.0A/250V) [F3]
19	QFS-K2009BHZZ	AF		A	Fuse(T1.6A/250V(LT-5) [F4]
20	QFS-K2315BHZZ	AF		A	Fuse(LT5 T1.0AL/250V) [F1]
21	QSOCZ2042SC32	AE		C	IC socket(32pin) [IC20]
22	QSW-S0744AFZZ	AG		B	Reset switch(SSS312) [S1]
23	RALMB5006SCZZ	AD		B	Buzzer(EFB-RD22C01) [BZ1]
24	RC-EZ106ARC1A	AD		C	Capacitor(10WV 10μF) [C59,C60]
25	RC-EZ226ARC1A	AG		C	FX capacitor(22μF/10V) [C92]
26	RCILC6653BHZZ	AS		C	Choke coil(180μH) [L1,L2]
27	RCORF2345BHZZ	AD		C	Chip coil(CIM31J601NE) [FB16,FB17,FB18,FB19,FB20,FB21]
28	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS) [FB1,FB2,FB3,FB4,FB5]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS) [FB6,FB7,FB8,FB9,FB10]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS) [FB11,FB12,FB13,FB14,FB15]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS) [FB26,FB27,FB28,FB29]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS) [FB30,FB31,FB32,FB33]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS) [FB34,FB35,FB36,FB37]
29	RCSRSP6676RCZZ	AG		B	X-TAL(32.768KHz) [X1]
30	RCRSZ2400RCZZ	AH		B	X-TAL(12MHz) [X2]
31	VCCCCY1HH101J	AA		C	Capacitor(50WV 100pF/1608Type/CH) [C20,C21,C22,C23,C24]
	VCCCCY1HH101J	AA		C	Capacitor(50WV 100pF/1608Type/CH) [C25,C26,C27,C69,C97]
32	VCCCCY1HH101J	AA		C	Capacitor(50WV 100pF/1608Type/CH) [C58,C66,C67,C88,C91,C93,C94]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH) [C12,C13,C14,C15,C16,C17]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH) [C18,C19,C30,C31,C32]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH) [C33,C34,C35,C36,C37]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH) [C38,C39,C44,C45]
33	VCCCCY1HH180J	AA		C	Capacitor(50WV 18pF) [C28]
34	VCCCCY1HH270J	AA		C	Capacitor(50WV 27PF) [C29]
35	VCCCCY1HH300J	AB		C	Capacitor(50WV 30PF) [C40]
36	VCCCCY1HH331J	AB		C	Capacitor(50WV 330pF) [C53,C54,C55,C56,C57]
	VCCCCY1HH331J	AB		C	Capacitor(50WV 330pF) [C70,C72,C102,C103,C48]
37	VCEAGA1CW226M	AB		C	Capacitor(22μF/16V) [C80]
38	VCEAGA1CW337M	AB		C	Capacitor(16WV 330μF) [C5]
39	VCEAGA1CW476M	AB		C	Capacitor(16WV 47μF) [C9]
40	VCEAGA1HW106M	AA		C	Capacitor(50WV 10μF) [C77,C81,C83,C85,C87,C101,C113,C124]
41	VCEAGA1HW107M	AA		C	Capacitor(50WV 100μF) [C11]
42	VCEAGA1HW228M	AB		C	Capacitor(50WV 2200μF) [C7]
43	VCEAGA1VW228M	AK		C	Capacitor(2200μF/35V) [C104]
44	VCEAGD1CW108M	AE		C	Capacitor(16WV 1000μF) [C4]
45	VCEAGU1HW227M	AC		C	Capacitor(50WV 220μF) [C2]
46	VCEAGU1HW478M	AL		C	Capacitor(50WV 4700μF) [C6]
47	VCKYCY1HB102K	AA		C	Capacitor(50WV 1000pF) [C115,C116,C117,C118,C119,C129,C130]
	VCKYCY1HB102K	AA		C	Capacitor(50WV 1000pF) [C99,C100,C126,C127,C128,C76]
48	VCKYCY1HB103K	AA		C	Capacitor(50WV 0.01μF/1608Type/B) [C3]
49	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF) [C8,C42,C43,C46,C73]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF) [C95,C96,C98,C105,C109]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF) [C10,C41,C68,C74,C75,C79]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF) [C82,C84,C86,C89,C90]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF) [C106,C107,C108,C47]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF) [C110,C111,C112,C114,C120]
50	VQYNA1HM333K	AA		C	Capacitor(50WV 0.033μF) [C121,C122,C123,C125]
51	VHD1SR159/-1	AF		B	Chip diode(1SR159-200) [D4,D5]
52	VHD1SS355/-1	AB		B	Diode(1SS355) [D6,D8,D9,D10,D12,D13]
	VHD1SS355/-1	AB		B	Diode(1SS355) [D11,D14]
53	VHDCP301/-1	AL		B	Diode(CP301) [BD1]
54	VHDRB060L/-1	AK		B	Diode(RB060L40) [D1]
55	VHDRB160L60-1	AF		B	Diode(RB160L-60) [D2]
56	VHEPTZ6.2A/-1	AH		B	Zener diode(PTZ6.2A) [ZD1]
57	VHEUDZ5.1B/-1	AC		B	Zener diode(UDZ5.1B) [ZD2]
58	VHi28F004BV-1	AV		B	4M Flash(LH28F004BVT-TL85) [IC18]
59	VHi30620SAF-1	BF		B	CPU(M30620SAFP) [IC3]
60	VHi6284LLT7-1	BN		B	4M S-RAM(HY628400ALLT2-70) [IC16]

# 6 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
61	VH174HC138DR/	AK		B	IC(SN74HC138DR) [IC22]
62	VH1BA00ASFP-1	AR		B	IC(BA00ASFP) [IC21]
63	VH1BA10393F-1	AC		B	IC(BA10393F) [IC17,IC28]
64	VH1FS781BZB-1	AP		B	IC(FS781BZB) [IC4]
65	VH1HC244DWR-1	AK	N	B	IC(SN74HC244DR) [IC27]
66	VH1H1N211CA-1	AN		B	IC(H1N211CA) [IC32,IC33]
67	VH1K1A431F/-1	AK		B	IC(K1A431F) [IC29]
68	VH1LM2574-ADJ	AU		B	IC(LM2574HVN-ADJ) [IC2]
69	VH1LV11ANSR-1	AN		B	IC(74LV11) [IC9]
70	VH1LV138ANS-1	AL		B	IC(74LV138A) [IC19,IC10]
71	VH1PQ1CG2032F	AL		B	IC(PQ1CG2032FZ) [IC1]
72	VH1SN74HC245D	AL		B	IC(SN74HC245D) [IC24,IC26]
73	VH1SN74HC273D	AN		B	IC(74HC273DW) [IC6]
74	VH1SN74HC374D	AL		B	IC(SN74HC374D) [IC23,IC25]
75	VH1SNHC157D-1	AK	N	B	IC(SN74HC157DR) [IC34]
76	VH1SNLV00AS-1	AK		B	IC(74LV00A) [IC12,IC14,IC13]
77	VH1SNLV27AD-1	AK	N	B	IC(SN74LV27ADR) [IC8]
78	VH1STA471A/-1	AK		B	IC(STA471A) [IC30,IC31]
79	VRG-ST2EJ100J	AC		B	Fuse resistor(1/4W 10Ω ±5%) [R8]
80	VRS-CY1JD101J	AA		C	Resistor(1/16W 100Ω ±5%) [R25,R26,R27,R28,R29,R30]
	VRS-CY1JD101J	AA		C	Resistor(1/16W 100Ω ±5%) [R52,R53,R127,R128,R129]
	VRS-CY1JD101J	AA		C	Resistor(1/16W 100Ω ±5%) [R119,R120,R121,R122,R123,R130,R131]
	VRS-CY1JD102F	AA		C	Resistor(1/16W 1KΩ ±1%) [R4]
82	VRS-CY1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%) [R108,R109,R113,R116]
83	VRS-CY1JD103F	AB		C	Resistor(1/16W 10KΩ ±1%) [R84]
84	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R9,R10,R11,R12,R13,R14]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R15,R16,R17,R18,R19,R20]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R21,R22,R23,R24,R32,R33]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R34,R35,R36,R37,R38,R39]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R40,R41,R42,R43,R44,R50]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R51,R62,R63,R67,R69,R70]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R48,R65,R66,R77,R87,R89]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R92,R93,R95,R98,R144]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R71,R72,R73,R78,R81]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R97,R105,R110,R124,R125]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R126,R132,R133,R134]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R135,R136,R137,R138]
85	VRS-CY1JD104J	AA		C	Resistor(1/16W 100KΩ ±5%) [R106,R107]
86	VRS-CY1JD122F	AB		C	Resistor(1/16W 1.2KΩ ±1%) [R2]
87	VRS-CY1JD123J	AA		C	Resistor(1/16W 12KΩ ±5%) [R94]
88	VRS-CY1JD151J	AA		C	Resistor(1/16W 150Ω ±5%) [R7]
89	VRS-CY1JD163F	AA		C	Resistor(1/16W 16KΩ ±1%) [R114]
90	VRS-CY1JD181J	AA		C	Resistor(1/16W 180Ω ±5%) [R6]
91	VRS-CY1JD183F	AA		C	Resistor(1/16W 18KΩ ±1%) [R99]
92	VRS-CY1JD203J	AA		C	Resistor(1/16W 20KΩ ±5%) [R101]
93	VRS-CY1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%) [R54,R55,R56,R57,R58]
	VRS-CY1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%) [R59,R60,R61,R64]
94	VRS-CY1JD223F	AA		C	Resistor(1/16W 22KΩ ±1%) [R1]
95	VRS-CY1JD223J	AA		C	Resistor(1/16W 22KΩ ±5%) [R117]
96	VRS-CY1JD241J	AA		C	Resistor(1/16W 240KΩ ±5%) [R103]
97	VRS-CY1JD242F	AA		C	Resistor(1/16W 2.4KΩ ±1%) [R96]
98	VRS-CY1JD272J	AA		C	Resistor(1/16W 2.7KΩ ±5%) [R83]
99	VRS-CY1JD302F	AA		C	Resistor(1/16W 3KΩ ±1%) [R3]
100	VRS-CY1JD330J	AA		C	Resistor(1/16W 33Ω ±5%) [R74]
101	VRS-CY1JD331J	AA		C	Resistor(1/16W 330Ω ±5%) [R31]
102	VRS-CY1JD332J	AA		C	Resistor(1/16W 3.3KΩ ±5%) [R68]
103	VRS-CY1JD362F	AA		C	Resistor(1/16W 3.6KΩ ±1%) [R115]
104	VRS-CY1JD471J	AA		C	Resistor(1/16W 470Ω ±5%) [R49,R76]
105	VRS-CY1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%) [R100,R102,R111,R118]
106	VRS-CY1JD473J	AA		C	Resistor(1/16W 47KΩ ±5%) [R45,R46,R47,R79,R80]
	VRS-CY1JD473J	AA		C	Resistor(1/16W 47KΩ ±5%) [R145,R146]
107	VRS-CY1JD562J	AA		C	Resistor(1/16W 5.6KΩ ±5%) [R90,R104]
108	VRS-CY1JD563J	AA		C	Resistor(1/16W 56KΩ ±5%) [R82]
109	VRS-CY1JD622F	AA		C	Resistor(1/16W 6.2KΩ ±1%) [R88]
110	VRS-CY1JD912F	AA		C	Resistor(1/16W 9.1KΩ ±1%) [R85]
111	VRS-CY2AY392J	AA		C	Resistor(1/10W 3.9KΩ ±5% 1608) [R86]
112	VS2SC2412K/-1	AB		B	Transistor(2SC2412K) [Q3]
113	VS2SD2170/-1	AH		B	Transistor(2SD2170) [Q8,Q9]
114	VSKRC111S// -1	AD		B	Transistor(KRC111S) [Q5,Q6,Q7,Q10,Q11]
115	VSKTD998// -1	AS		B	Transistor(2SD998) [Q1]
116	VSMTD2955V+ -1	AQ		B	Transistor(MTD2955V) [Q4]
117	XBPSD30P06000	AA		C	Screw(3×6) [IC1,Q1 (IC1,TR Q1 ???)]
901	CPWBN2958BH01	CA	N	E	Main PWB unit

7 Key I/F PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	QCNCW2946BHZZ	AL		C	Key relay connector(40p)(52045-4045) [CN1]
2	QCNCW2957BHZZ	AL	N	C	Connector(KEYBOARD)(12Pin 5597-12CPB) [CN3]
3	QCNCW2958BHZZ	AQ	N	C	Connector(KEYBOARD)(22Pin 5597-22CPB) (ER-A410)[CN4]
4	QCNCW7201BH1E	AK		C	Connector(15P)(52806-1510) [CN2]
5	QCNCW7283BH2F	AS		C	Connector(5597-26CPB) (ER-A420)[CN5]
6	RC-KZ1054CCZZ	AB		C	Capacitor(50WV 0.1μF) [C1,C3,C5]
7	VCEAGA1CW106M	AA		C	Capacitor(16WV 10μF) [C2]
8	VCEAGA1CW107M	AC		C	Capacitor(100μF/16V) [C4]
9	VCKYPU1HB101K	AA		C	Capacitor(50WV 100PF)(VCKYPA1HB101K) [C6]
10	VHDDSS133HV-1	AA		B	Diode(DSS133HV) [D1,D2,D3,D4,D5,D6]
	VHDDSS133HV-1	AA		B	Diode(DSS133HV) [D7,D8,D9,D10,D11,D12]
	VHDDSS133HV-1	AA		B	Diode(DSS133HV) (ER-A420)[D13,JMP(C6)]
11	VHiKiD65083AP	AM		B	IC(KiD65083AP) [IC3]
12	VHiSN74HC138N	AL		B	IC(74HC138) [IC1,IC2]
13	VRD-RC2EY121J	AA		C	Resistor(1/4W 120Ω ±5%) [R8,R9,R10,R11,R12,R13,R14]
14	VRD-RC2EY123J	AA		C	Resistor(1/4W 12KΩ ±5%) [R1,R2,R3,R4,R5,R6,R7]
15	VRD-RC2EY473J	AA		C	Resistor(1/4W 47KΩ ±5%) [R15,R16,R17,R18,R19]
	VRD-RC2EY473J	AA		C	Resistor(1/4W 47KΩ ±5%) [R20,R21,R22,R23,R24]
	VRD-RC2EY473J	AA		C	Resistor(1/4W 47KΩ ±5%) [R25,R26,R27,R28]
16	VSKRA101M/-1	AD		B	Transistor(KRA101M) [Q8,Q9,Q10,Q11,Q12,Q13,Q14]
17	VSKTA1271/-1	AE		B	Transistor(KTA1271)(VS2SA1271-/-1) [Q1,Q2,Q3,Q4,Q5,Q6,Q7]
901	CPWBF2959BH01	BE	N	E	Key I/F PWB unit [ER-A410]
	CPWBF2959BH02	BE	N	E	Key I/F PWB unit [ER-A420]

8 Pop up PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	QCNCW7202BH1E	AK		C	Connector(52807-1510) [CN1]
2	VHPD5680GL2-1	AQ		B	LED(2 SEGMENT)(D568GWA) [LED6,LED7,LED8]
3	VHPS5680GL2-1	AP		B	LED(1 SEGMENT)(S568GWA) [LED9]
4	VRD-RC2EY270J	AA		C	Resistor(1/4W 27Ω ±5%) [R1,R2,R3,R4,R5,R6,R7,R8]
901	CPWBF2928BH01	BC		E	Pop up PWB unit

## 9 Articles for consumption

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	T P A P R 6 6 4 5 R C 0 5	AY		S	Roll paper(5rolls/pack)

## 10 Special service tools & Service options

[illegible]

# Index

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
【C】					
CCABB2571BHZZ	1- 5	BD	N	D	
CCABB2571BHZZ	1- 5	BD	N	D	
CCABB7861BHSB	1- 6	AS	N	D	
CCABM2593BHZZ	4- 1	BG	N	D	
CCABM7249BH08	10-101	BF		D	
CCASP6700BH08	4-501	BK		E	
CDRW-6681BH02	4- 14	BE		D	
CDRW-6683BHZZ	4-504	BL		E	
CFRM-6701BH01	4- 27	AY		D	
CPLTM6708BH02	4-502	BF		E	
CPLU-1004BHZZ	4- 26	AZ	N	B	
CPWBF2928BH01	1- 7	BC		E	
"					
CPWBF2959BH01	8-901	BC		E	
"					
CPWBF2959BH02	1- 14	BE	N	E	
"					
CPWBF2959BH02	7-901	BE	N	E	
"					
CPWBN2958BH01	1- 14	BE	N	E	
"					
CPWBN2958BH01	7-901	BE	N	E	
"					
CPWBN2958BH01	1- 20	CA	N	E	
"					
CPWBN2958BH01	6-901	CA	N	E	
CSHEP2943BHSA	2- 8	BD		B	
CSHEP2996BHZZ	3- 8	BB	N	B	
【D】					
DKIT-3411BHZZ	10- 6	BM	N	S	
DUNT-1306BHZA	4- 23	AX		E	
DUNTK4098BHZZ	1- 2	BR		B	
DUNTM4466BHZZ	4-503	BF	N	E	
【G】					
GBOXD2331BHZZ	4-901	BZ	N	E	
GCABA2572BHZZ	1- 48	BD	N	D	
GCASP6700BHZZ	4- 42	BC		D	
GCASP6701BHZZ	4- 7	AV		D	
GCOVA7147BHZZ	4- 15	AS		D	
GCOVB2525BH02	1- 1	AX	N	D	
GCOVB2526BHSA	1- 10	AT	N	D	
GCOVB2545BHZZ	3- 1	BD	N	D	
GCOVB2558BHZZ	3- 4	AY	N	D	
GCOVH2530BHSA	1- 49	AE	N	D	
GCOVH2541BHSA	10- 4	BD	N	S	
GCOVH2541BHZA	10- 3	BC	N	S	
GCOVH2541BHZZ	10- 2	AY	N	S	
GCOVH2544BHZZ	1- 54	AE	N	D	
GDAI-2347BHSA	1- 23	AW	N	D	
GLEGG6659BHZZ	10-103	AE		D	
【H】					
HDECP2004BHSA	1- 11	AL	N	D	
HDECP2004BHSG	1- 11	AL	N	D	
HPNLH2484BHSB	1- 9	AY	N	D	
【J】					
JKNBZ6896BHZA	2- 15	AG		C	
JKNBZ6897BHSA	2- 1	AH		C	
JKNBZ6898BHZZ	2- 16	AH		C	
JKNBZ6899BHSA	2- 2	AK		C	
JKNBZ6905BHZZ	2- 6	AF		C	
JKNBZ6908BHZZ	2- 6	AK		C	
JKNBZ6911BHZZ	2- 6	AK		C	
JKNBZ6912BHZZ	2- 6	AK		C	
JKNBZ6913BHZZ	2- 6	AK		C	
JKNBZ6914BHZZ	2- 6	AK		C	
JKNBZ6915BHZZ	2- 6	AK		C	
JKNBZ6916BHZZ	2- 6	AK		C	
JKNBZ6917BHZZ	2- 6	AK		C	
JKNBZ6918BHZZ	2- 6	AK		C	
JKNBZ6919BHZZ	2- 6	AK		C	
JKNBZ6920BHZZ	2- 6	AK		C	
【K】					
Ki-OB2017BHZZ	1- 22	CA		E	
Ki-OK2021BHZZ	2-501	BP	N	E	
Ki-OK2022BHZZ	3-501	BH	N	E	
【L】					
LANGK7612BHZZ	4- 44	AF		C	
LANGK7613BHZZ	5- 26	AN		C	
LANGQ7604BHZZ	2- 12	AG		C	
"					
LANGT2935BHZZ	3- 12	AG		C	
LANGT2935BHZZ	1- 19	AL	N	C	
LBNDJ2003SCZZ	1- 28	AA		C	
LCHSM2009BHZZ	1- 55	AX		C	
LFRM-2366BHZZ	2- 5	BC		D	
LFRM-2369BHZZ	3- 5	AY	N	D	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
LHLDW0024BHZZ	10-106	AG		C	
"					
LHLDW0024BHZZ	4- 45	AG		C	
LHLDW4081BHZZ	10-104	AC		C	
LHLDZ6836BHZZ	2- 4	AE		C	
LHLDZ6837BHZZ	2- 3	AE		C	
LKGIW7110BHZZ	5- 12	AE		B	
LKGIW7111BHZZ	5- 12	AE		B	
LKGIW7113RCZZ	10- 1	AK		S	
LKGIW7129BHZZ	5- 12	AE		B	
LKGIW7331BHZZ	4- 21	AE		B	
"					
LKGIW0001BHZZ	5- 11	AE		B	
"					
LKGIW0001BHZZ	2- 13	AS		B	
"					
LKGIW7330BHZZ	3- 13	AS		B	
LKGIW7330BHZZ	4- 20	AY		B	
LPLIN-6650BHZZ	4- 10	AA		C	
LPLTM2368BHZZ	2- 9	AY		C	
LPLTM2377BHZZ	3- 9	AU	N	C	
LPLTM6708BHZA	4- 36	BC		C	
LPLTM6709BHZZ	4- 2	AS		C	
LPLTP6710BHZZ	4- 9	AK		C	
LPLTP6711BHZZ	4- 43	AP		C	
LPLTP6712BHZZ	4- 6	AK		C	
LX-BZ2189BHZZ	6- 1	AA		C	
LX-BZ6775BHZZ	4- 29	AA		C	
LX-BZ6776BHZZ	4- 24	AA		C	
LX-BZ6778BHZZ	4- 33	AA		C	
LX-BZ6782BHZZ	4- 47	AA		C	
【M】					
MCAMM6633BHZA	4- 18	AE		C	
MLEVF6695BHZZ	4- 5	AK		C	
MSPRB6751BHZZ	4- 38	AF		C	
MSPRC6712BHZZ	4- 31	AF		C	
MSPRK6718BHZZ	4- 19	AF		C	
MSPRT6713BHZZ	4- 30	AD		C	
MSPRT6714BHZZ	4- 4	AE		C	
【N】					
NGERH2317BHZZ	5- 3	AR		C	
NROLP6650BHZZ	4- 13	AP		C	
"					
NROLP6651BHSC	4- 39	AP		C	
"					
NROLP6651BHSC	1- 35	AE		C	
【P】					
PFILW6961BHSG	1- 8	AP		D	
PGIDM2393BHZZ	5- 14	AF		C	
PGUMM2447BHZZ	2- 7	BA		C	
PGUMM2477BHZZ	3- 7	BB	N	C	
PGUMM6695BHZZ	4- 32	AE		C	
PGUMM6727BHZZ	4- 34	AE		C	
PRDAF2374BHZZ	6- 2	AM		C	
PRDAF2381BHZZ	6- 3	AK		C	
PRNGT6637BHZZ	4- 22	AA		C	
PSHEK2997BHZZ	3- 2	AR	N	C	
PSHEK2998BHZZ	3- 3	AV	N	C	
PSHEK3008BHZZ	10- 5	AL	N	S	
PSHEP3006BHZZ	1- 56	AT	N	C	
PSHEP3007BHZZ	3- 6	AR	N	C	
PSHEP6681BHZZ	5- 4	AF		C	
PSKR-6628BHZZ	4- 8	AG		C	
【Q】					
QACCB3120BHPZ	1- 24	AY	N	B	
QACCE3120BHPZ	1- 24	AS	N	B	
QACCL1018BHPZ	1- 24	AT	N	B	
QCNCM1060AC03	6- 4	AB		C	
QCNCM1101BHZZ	6- 5	AC		C	
QCNCM5278NCZZ	6- 6	AC		C	
QCNCM6879RC1F	6- 7	AD		C	
QCNCM7125BH0i	6- 8	AN		C	
QCNCM7136BHZZ	2- 14	AB		C	
"					
QCNCM7136BHZZ	3- 14	AB		C	
QCNCM7207BH4J	6- 9	AQ		C	
QCNCW1057ACZZ	6- 10	AB		C	
QCNCW2946BHZZ	6- 11	AL		C	
"					
QCNCW2951BHZZ	7- 1	AL		C	
QCNCW2951BHZZ	6- 12	AS	N	C	
QCNCW2957BHZZ	7- 2	AL	N	C	
QCNCW2958BHZZ	7- 3	AQ	N	C	
QCNCW7081BHZZ	6- 13	AB		C	
QCNCW7201BH1E	7- 4	AK		C	
QCNCW7202BH1E	8- 1	AK		C	
QCNCW7283BH2F	7- 5	AS		C	
QCNCW-3105BHZA	10-102	AZ		C	
QCNCW-3184BHZZ	1- 42	AS		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
QCNW-3185BHZZ	1- 3	AW		C	
QCNW-3186BHZZ	1- 16	AL		C	
QCNW-3187BHZZ	1- 32	AE		C	
QCNW-3188BHZZ	1- 17	AR		C	
QCNW-3189BHZZ	1- 13	AK		C	
QCNW-3202BHZZ	1- 40	AE		C	
QCNW-7121RCZZ	1- 50	AD		C	
QFS-C2521TAZZ	6- 14	AE		A	
QFSDH2109AFZZ	6- 15	AC		C	
QFS-K2005BHZZ	6- 16	AF		A	
QFS-K2007BHZZ	6- 17	AF		A	
QFS-K2008BHZZ	6- 18	AF		A	
QFS-K2009BHZZ	6- 19	AF		A	
QFS-K2315BHZZ	6- 20	AF		A	
QSOCZ2042SC32	6- 21	AE		C	
QSW-M6872BHZZ	4- 25	AR		B	
QSW-S0744AFZZ	6- 22	AG		B	
QTANZ6661BHZZ	1- 33	AE		C	
【R】					
RALMB5006SCZZ	6- 23	AD		B	
RC-EZ106ARC1A	6- 24	AD		C	
RC-EZ226ARC1A	6- 25	AG		C	
RCiLC6653BHZZ	6- 26	AS		C	
RC-KZ1054CCZZ	7- 6	AB		C	
RCORF2343BHZZ	1- 18	AR		C	
RCORF2345BHZZ	6- 27	AD		C	
RCORF2347BHZZ	1- 52	AL		C	
RCORF5028SCZZ	1- 53	AW		C	
RCORF6695BHZZ	1- 27	AK		C	
RCORF6699BHZZ	1- 41	AU		C	
RCORF6700BHZZ	5- 27	AS		C	
RCORF7002BHZZ	6- 28	AE		C	
RCRSP6676RCZZ	6- 29	AG		B	
RCRSZ2400RCZZ	6- 30	AH		B	
RTRNP2437BHZZ	1- 29	BE	N	B	
RTRNP2438BHZZ	1- 29	BE	N	B	
【S】					
SPAKA3189BHZL	5- 2	AT		D	
SPAKA3189BHZR	5- 5	AT		D	
SPAKA8375BHZZ	4- 41	AD		D	
SPAKC3267BHSA	5- 1	BA	N	D	
SPAKC3267BHZZ	5- 1	BA	N	D	
SSAKH3012CCZZ	5- 10	AA		D	
SSAKH3015CCZZ	5- 7	AA		D	
SSAKH4231CCZZ	5- 6	AA		D	
【T】					
TCADH6788BHZA	5- 20	AC		D	
TCADZ2001BHZA	5- 17	AM		D	
TGANE1001BHSA	5- 15	AG		D	
TiNSE2477BHZZ	5- 8	AZ	N	D	
TiNSF2479BHZZ	5- 8	AZ	N	D	
TiNSG2478BHZZ	5- 8	AZ	N	D	
TiNSN7240BHZZ	5- 16	AF		D	
TiNSS2480BHZZ	5- 8	AZ	N	D	
TLABH2593BHZZ	2-101	AY	N	D	
TPAPR6645RC05	9- 1	AY		S	
【U】					
UBATZ6661BHZZ	1- 31	BA		B	
UBNDA6630BHZZ	5- 25	AK		C	
UKOG-6705RCZZ	10- 11	BC		S	
【V】					
VCCCCY1HH101J	6- 31	AA		C	
VCCCCY1HH151J	6- 32	AA		C	
VCCCCY1HH180J	6- 33	AA		C	
VCCCCY1HH270J	6- 34	AA		C	
VCCCCY1HH300J	6- 35	AB		C	
VCCCCY1HH331J	6- 36	AB		C	
VCEAGA1CW106M	7- 7	AA		C	
VCEAGA1CW107M	7- 8	AC		C	
VCEAGA1CW226M	6- 37	AB		C	
VCEAGA1CW337M	6- 38	AB		C	
VCEAGA1CW476M	6- 39	AB		C	
VCEAGA1HW106M	6- 40	AA		C	
VCEAGA1HW107M	6- 41	AA		C	
VCEAGA1HW228M	6- 42	AB		C	
VCEAGA1VW228M	6- 43	AK		C	
VCEAGD1CW108M	6- 44	AE		C	
VCEAGU1HW227M	6- 45	AC		C	
VCEAGU1HW478M	6- 46	AL		C	
VCKYCY1HB102K	6- 47	AA		C	
VCKYCY1HB103K	6- 48	AA		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
VCKYCY1HF104Z	6- 49	AA		C	
VCKYPU1HB101K	7- 9	AA		C	
VCQYNA1HM333K	6- 50	AA		C	
VHD1SR159//--1	6- 51	AF		B	
VHD1SS355//--1	6- 52	AB		B	
VHDPC301///--1	6- 53	AL		B	
VHDDSS133HV-1	7- 10	AA		B	
VHDB060L//--1	6- 54	AK		B	
VHDB160L60-1	6- 55	AF		B	
VHEPTZ6.2A/-1	6- 56	AH		B	
VHEUDZ5.1B/-1	6- 57	AC		B	
VH128F004BV-1	6- 58	AV		B	
VH130620SAF-1	6- 59	BF		B	
VH16284LLT7-1	6- 60	BN		B	
VH174HC138DR/	6- 61	AK		B	
VH1BA00ASFP-1	6- 62	AR		B	
VH1BA10393F-1	6- 63	AC		B	
VH1FS781BZB-1	6- 64	AP		B	
VH1HC244DWR-1	6- 65	AK	N	B	
VH1HIN211CA-1	6- 66	AN		B	
VH1K1A431F/-1	6- 67	AK		B	
VH1KID65083AP	7- 11	AM		B	
VH1LM2574-ADJ	6- 68	AU		B	
VH1LV11ANSR-1	6- 69	AN		B	
VH1LV138ANS-1	6- 70	AL		B	
VH1PQ1CG2032F	6- 71	AL		B	
VH1SN74HC138N	7- 12	AL		B	
VH1SN74HC245D	6- 72	AL		B	
VH1SN74HC273D	6- 73	AN		B	
VH1SN74HC374D	6- 74	AL		B	
VH1SNHC157D-1	6- 75	AK	N	B	
VH1SNLV00AS-1	6- 76	AK		B	
VH1SNLV27AD-1	6- 77	AK	N	B	
VH1STA471A/-1	6- 78	AK		B	
VHPD5680GL2-1	8- 2	AQ		B	
VHPS5680GL2-1	8- 3	AP		B	
VRD-RC2EY121J	7- 13	AA		C	
VRD-RC2EY123J	7- 14	AA		C	
VRD-RC2EY270J	8- 4	AA		C	
VRD-RC2EY473J	7- 15	AA		C	
VRG-ST2EJ100J	6- 79	AC		B	
VRS-CY1JD101J	6- 80	AA		C	
VRS-CY1JD102F	6- 81	AA		C	
VRS-CY1JD102J	6- 82	AA		C	
VRS-CY1JD103F	6- 83	AB		C	
VRS-CY1JD103J	6- 84	AA		C	
VRS-CY1JD104J	6- 85	AA		C	
VRS-CY1JD122F	6- 86	AB		C	
VRS-CY1JD123J	6- 87	AA		C	
VRS-CY1JD151J	6- 88	AA		C	
VRS-CY1JD163F	6- 89	AA		C	
VRS-CY1JD181J	6- 90	AA		C	
VRS-CY1JD183F	6- 91	AA		C	
VRS-CY1JD203J	6- 92	AA		C	
VRS-CY1JD222J	6- 93	AA		C	
VRS-CY1JD223F	6- 94	AA		C	
VRS-CY1JD223J	6- 95	AA		C	
VRS-CY1JD241J	6- 96	AA		C	
VRS-CY1JD242F	6- 97	AA		C	
VRS-CY1JD272J	6- 98	AA		C	
VRS-CY1JD302F	6- 99	AA		C	
VRS-CY1JD330J	6-100	AA		C	
VRS-CY1JD331J	6-101	AA		C	
VRS-CY1JD332J	6-102	AA		C	
VRS-CY1JD362F	6-103	AA		C	
VRS-CY1JD471J	6-104	AA		C	
VRS-CY1JD472J	6-105	AA		C	
VRS-CY1JD473J	6-106	AA		C	
VRS-CY1JD562J	6-107	AA		C	
VRS-CY1JD563J	6-108	AA		C	
VRS-CY1JD622F	6-109	AA		C	
VRS-CY1JD912F	6-110	AA		C	
VRS-CY2AY392J	6-111	AA		C	
VS2SC2412K/-1	6-112	AB		B	
VS2SD2170//--1	6-113	AH		B	
VSKRA101M//--1	7- 16	AD		B	
VSKRC111S//--1	6-114	AD		B	
VSKTA1271//--1	7- 17	AE		B	
VSKTD998//--1	6-115	AS		B	
VSMTD2955V+-1	6-116	AQ		B	

